Cat® Extreme Application Grease Arctic

For high load, high speed environments in cold temperature environments

NLGI Grade 0.5

Discover the Difference

**Long Life**—High-quality Lithium complex thickener in a semi-synthetic base oil, fortified with 5% molybdenum disulfide (moly) delivers unmatched performance in Cat applications.

**Extreme-Cold Operation**—Performs and protects at operating temperatures down to -50°C (-58°F).

**Reduced Component Wear**—Resists softening and continues to protect parts under extreme loads and high speeds.

**Corrosion Protection**—Resists oxidation and protects metal against rust. Will not corrode or damage steel, copper bearing alloys or conventional seal materials.
Cat® Extreme Application Grease – Arctic

Grease Selection Guide

**Cat Extreme Application Grease 1**
NLGI 1
(-20 to 140°C / -4 to 284°F)
With 5% Moly

**Cat Extreme Application Grease - Desert**
NLGI 2
(-10° to 140°C / +14°F to 284°F)
With 5% Moly

**Cat Prime Application Grease**
NLGI 2
(-20 to 140°C / -4 to 284°F)
With 3% Moly

**Cat Ball Bearing Grease**
NLGI 2
(-20° to 160°C / -4° to 320°F)
Without Moly

**Cat Extreme Application Grease - Arctic**
NLGI 0.5
(-50° to 130°C / -58° to 266°F)
With 5% Moly

**Cat Utility Grease**
NLGI 2
(-20 to 140°C / -4 to 284°F)
Without Moly

Recommended Use

Cat Extreme Application Grease – Arctic is recommended for grease fittings and lubrication points in all load and speed applications at operating temperatures range from -50°C to +130°C (-58°F to +266°F).

**Health and Safety**

For information on proper use for health, safety and environment, please refer to the Material Safety Data Sheet (MSDS). Read and understand the MSDS before using this product. Always observe good hygiene measures. For a copy of the MSDS, contact us or visit the web at www.catmsds.com.

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>NLGI</td>
<td>0.5</td>
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<tr>
<td>Color</td>
<td>Gray Black</td>
</tr>
<tr>
<td>Molybdenum Disulfide, %</td>
<td>5</td>
</tr>
<tr>
<td>Operating Temperature Range, °C</td>
<td>-50 to +130</td>
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<tr>
<td>Operating Temperature Range, °F</td>
<td>-58 to +266</td>
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<tr>
<td>Base Oil Type</td>
<td>Semi-synthetic</td>
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<tr>
<td>ASTM D445 Base Oil Viscosity 40°C, mm²/s</td>
<td>60</td>
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<tr>
<td>Thickener Type</td>
<td>Lithium Complex</td>
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<tr>
<td>ASTM D2265 Dropping point, °C</td>
<td>230</td>
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<tr>
<td>ASTM D2596 4 Ball weld load, kg</td>
<td>400</td>
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<tr>
<td>ASTM D1743 Rust prevention</td>
<td>Pass</td>
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<td>ASTM D4048 Copper corrosion</td>
<td>1A</td>
</tr>
<tr>
<td>Low starting/running torque, (°40°C), g cm</td>
<td>1000/230</td>
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</tbody>
</table>

The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your fleet up and running to maximize your equipment investment.

BUILT FOR IT.